

# Notice of Allowability

Application No.

10/789,838

Examiner

Dangelino N. Gortayo

Applicant(s)

RAMANATHAN ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/30/2007.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TIM VO  
SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 2100

## **DETAILED ACTION**

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:

The prior art of record, Cannon (US Patent 7,062,541 B1) teach analogous art to the instant application, that of transferring data objects between data storage locations utilizing object attributes. Cannon more specifically teaches assigning group identifiers to objects to be transferred at the source site, locating the data objects, and transferring the group of data objects to a target site, wherein a tracking module and grouping model receives object group data and analyzes the information to transfer the group of objects from a source site to the target site storage so that the grouping of objects stays consistent. However, after careful consideration of the Brief (pages 10-12) filed 8/30/2007 and the personal interview conducted 8/21/2007, the applicant extensively and specifically pointed out how the claim amendments overcome the prior art of record, particularly the import group table of Cannon, interpreted as a transport table that is utilized for transferring objects, utilizing the object group and attribute information to set a flag in an object attributes table, interpreted as system tables to store object information, indicating that the act of transferring data objects is resolved and that the objects in a group are transferred, which is different from the merging of metadata from transport tables to system tables found in the target site that the instant application discloses, since merging of metadata in the instant application involves transferring metadata from a transport table to a system table in the target site, and not just setting a flag to indicate

resolution of data transfer. The metadata being transferred to the target site being metadata that defines selected set of objects found in a source site to be transferred. Thus, in the instant application, the method of migrating objects from a source to a target is dependent on metadata defining a set of objects to be transferred, and utilizes transport tables that transfer metadata to system tables.

This feature is indicated in independent claims 1 and 9, wherein the metadata of the set of objects to be transferred are read from system tables and copied to transport tables, the metadata of a set of objects are transferred to the transport table in the target, the metadata in the transport tables of the target are merged to the system tables of the target by transferring the metadata in the transport tables to the system tables, and the set of objects are migrated based on metadata information. Consequently, independent claims 1 and 9 and dependent claims 2-8 and 10-20 as amended are allowable over prior art.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Whitten et al. (US Publication 2004/0153459 A1)

Patel et al. (US Patent 6,981,117 B2)

Rajak et al. (US Patent 7,096,231 B2)

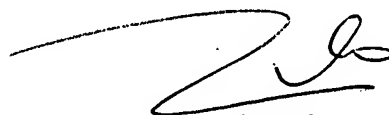
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dangelino N. Gortayo whose telephone number is (571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dangelino N. Gortayo  
Examiner

Tim T. Vo  
SPE



TIM VO  
SUPERVISORY PATENT EXAMINER  
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